

**DECLARATION AND POWER OF ATTORNEY:**

As the below named inventors, we hereby declare that:

Our residence, post office addresses and citizenship are as stated below next  
 5 to our names, and we believe we are the original, first and joint inventor (if plural  
 names are listed below) of the subject matter which is claimed and for which a patent  
 is sought on the invention entitled **ORGANIC COMPOUND AND METAL ION  
 SYNERGISTIC DISINFECTION AND PURIFICATION SYSTEM AND  
 METHOD OF MANUFACTURE**, apparatus, the specification of which is attached  
 10 hereto.

We further state that we do not know and do not believe that the above-named  
 invention has ever been known or used in the United States before our invention  
 thereof, or patented or described in any printed publication in any country before our  
 invention thereof, or more than one year prior to this application, or in public use or  
 15 on sale in the United States more than one year prior to this application; that the  
 invention has not been patented or made the subject of any inventor's certificate in any  
 country foreign to the United States on an application filed by us or our legal  
 representatives or assigns more than six (6) months prior to this application; and that  
 no application for patent or inventor's certificate on the invention has been filed by us  
 20 or our representatives or assigns in any country foreign to the United States, except as  
 identified below.

We hereby state that we have reviewed and understand the contents of the  
 above-identified specification, including the claims, as amended by any amendment if  
 applicable.

25 We acknowledge the duty to disclose information which is material to the  
 examination of this application in accordance with Title 37, Code of Federal  
 Regulations, Section 1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code,  
 Section 119 of any foreign applications) for patent or inventor's certificate listed below  
 30 and have also identified below any foreign application for patent or inventor's  
 certificate having a filing date before that of the application on which priority is  
 claimed:

**Not Applicable**

<u>Prior Foreign Application(s)</u>			<u>Priority Claimed</u>
35	_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
			_____ (Yes) (No)

We hereby claim the benefit under Title 35, United States Code, Section 120  
 of any United States applications listed below and, insofar as the subject matter of each  
 40 of the claims of this application is not disclosed in the prior United States application

in the manner provided by the first paragraph of Title 35, United States Code, Section 112. We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 (a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

5                    60/416,817                    October 8, 2002                    Provisional Pending  
                          (Application Serial Number)                    (Filing Date)                    (Status - patented, pending, abandoned)

10                We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false  
 15                statements may jeopardize the validity of the application or any patent issued thereon.

#### **POWER OF ATTORNEY**

As the named inventor, I hereby appoint the following attorney to prosecute this application and transact all business in the U.S. Patent and Trademark Office, PCT Receiving Office and any and all PCT Examining Authorities whatsoever connected therewith: **ERIC R. BENSON**, Registration Number 38,074.  
 Send Correspondence to:

25                                    **Law Offices - Eric R. Benson, Esq.**  
    **Box 65238 - Champlain Station**  
    **Burlington, VT 05406-5238**

BRADLEY J. ELDRED  
 Full Name of Inventor

30                Bradley J. Eldred                    October 3, 2003  
                          Inventor's Signature                    Date

35                72 Lower English Settlement Road, Underhill, VT 05489  
                          Residence Address

40                UNITED STATES  
                          Citizenship

45                P.O. Box 1179, Williston, VT 05495  
                          Post Office Address

Applicant or Patentee: **BRADLEY J. ELDRED, Inventor.**

Serial or Patent Number: **Provisional Patent App. No. 60/416,817**

5 Filed or Issued: **October 8, 2002**

**VERIFIED STATEMENT (DECLARATION)  
CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.9(f) and 1.27(b)) - INDEPENDENT INVENTORS**

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As the below named inventors, we hereby declare that we qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under section 41 (a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled as above and described in:

15 ☒ the specification filed herewith

☒ application serial number 60/416,817 Provisional, filed October 8, 2002

☐ patent number \_\_\_\_\_, issued \_\_\_\_\_

20 We have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

25 Each person, concern or organization to which we have assigned, granted, conveyed, or licensed or am under obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☒ no such person, concern, or organization

☐ persons, concerns or organizations listed below\*

30 **\*NOTE:** Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27) **Not Applicable**

FULL NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

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☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

40 We acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying,

or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate (37 CFR 1.28(b)).

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and  
5 further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

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Bradley J. Eldred  
SIGNATURE OF INVENTOR

October 3, 2003  
DATE OF SIGNATURE

15 BRADLEY J. ELDRED  
NAME OF INVENTOR

For: **ORGANIC COMPOUND AND METAL ION SYNERGISTIC  
DISINFECTION AND PURIFICATION SYSTEM AND METHOD  
OF MANUFACTURE**